



R. & W. HAWTHORN, LESLIE
& CO. LTD.

SHIP NO. 666

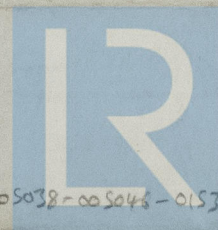
"EMPIRE NEPTUNE."

NEWCASTLE ON TYNE

Report No. 103126

General avg

108
5



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005038-005046-0153 1/2

General account

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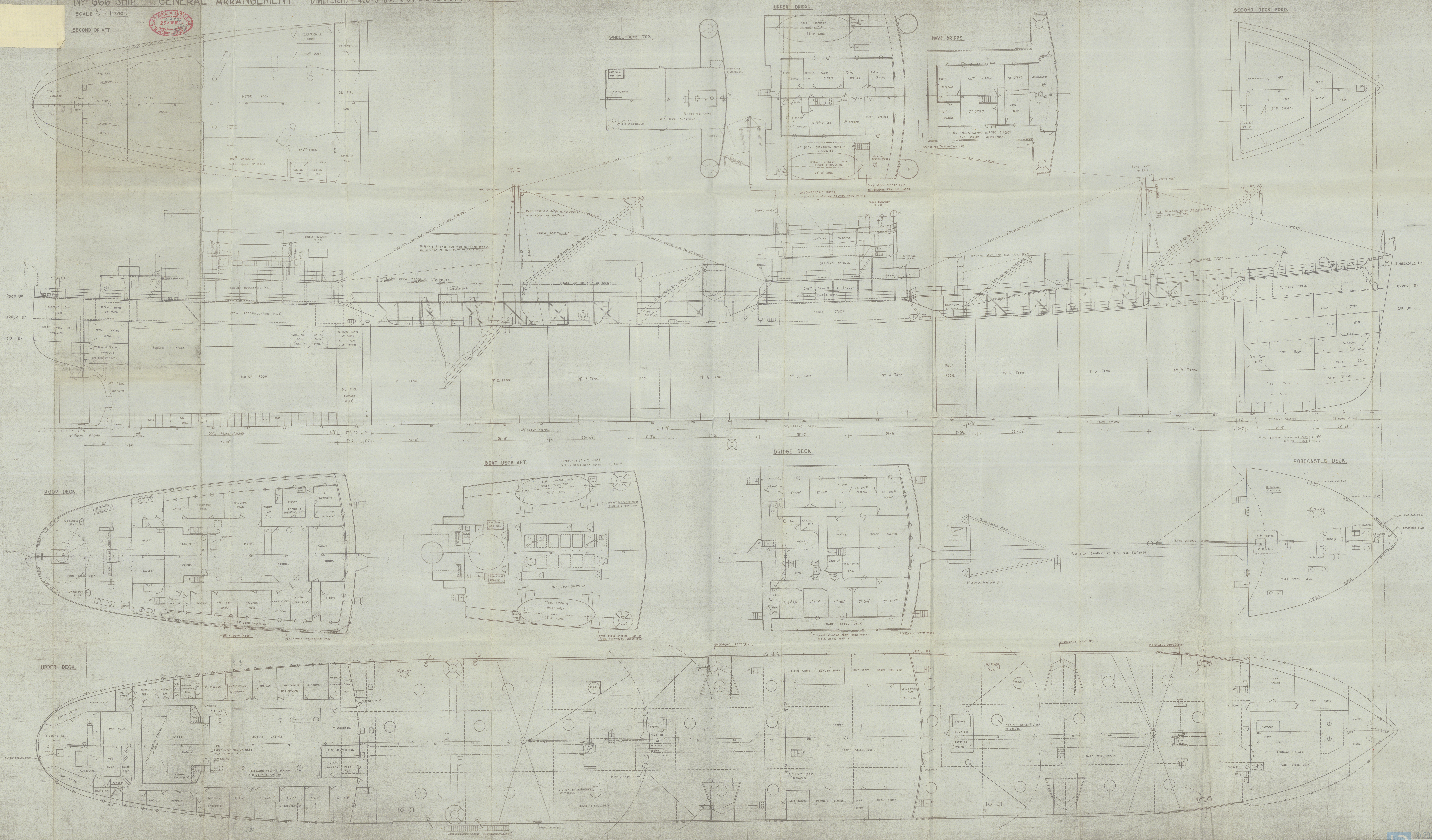
Q153 2/2

ENCLOSURE TO

Mr Hunter (Lloyds)

47/01503

FROM R. & W. HAWTHORN, LESLIE & CO. LTD.,
HEBBURN-ON-TYNE.



Profile & Deck Plan

R. & W. HAWTHORN, LESLIE
& CO. LTD.

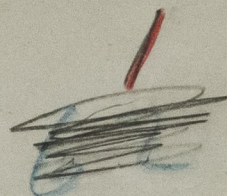
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San Virgilio

"EMPIRE NEPTUNE"

NEWCASTLE ON TYNE

Report No. 103126



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005038-005046-0152

PROFILE & DECKS PLAN

S.S. MOTOR TANKER 460'-0" B.P. x 59'-0" B.M. x 34'-0" D.M. TO UPPER DECK

SCALE: $\frac{1}{8}" = 1 \text{ FOOT}$

R. & W. HAWTHORN, LESLIE
& CO. LTD.

MY. NATICINA

NEWCASTLE ON TYNE.

Report No. 101017

661

Fly to Profile and Decks

(Alpha 41.43)

ENGINE NO. 4000

SHIP NO. 661

"SAN VELINO"

NEWCASTLE ON TYNE.

Report No. 102182

Fly to Profile and Decks.

SHIP NO. 663

MY. "NAVICELLA"

NEWCASTLE ON TYNE

Report No. 102524

SHIP NO. 666

San Virgilio ex

"EMPIRE NEPTUNE" *

NEWCASTLE ON TYNE

Report No. 103126

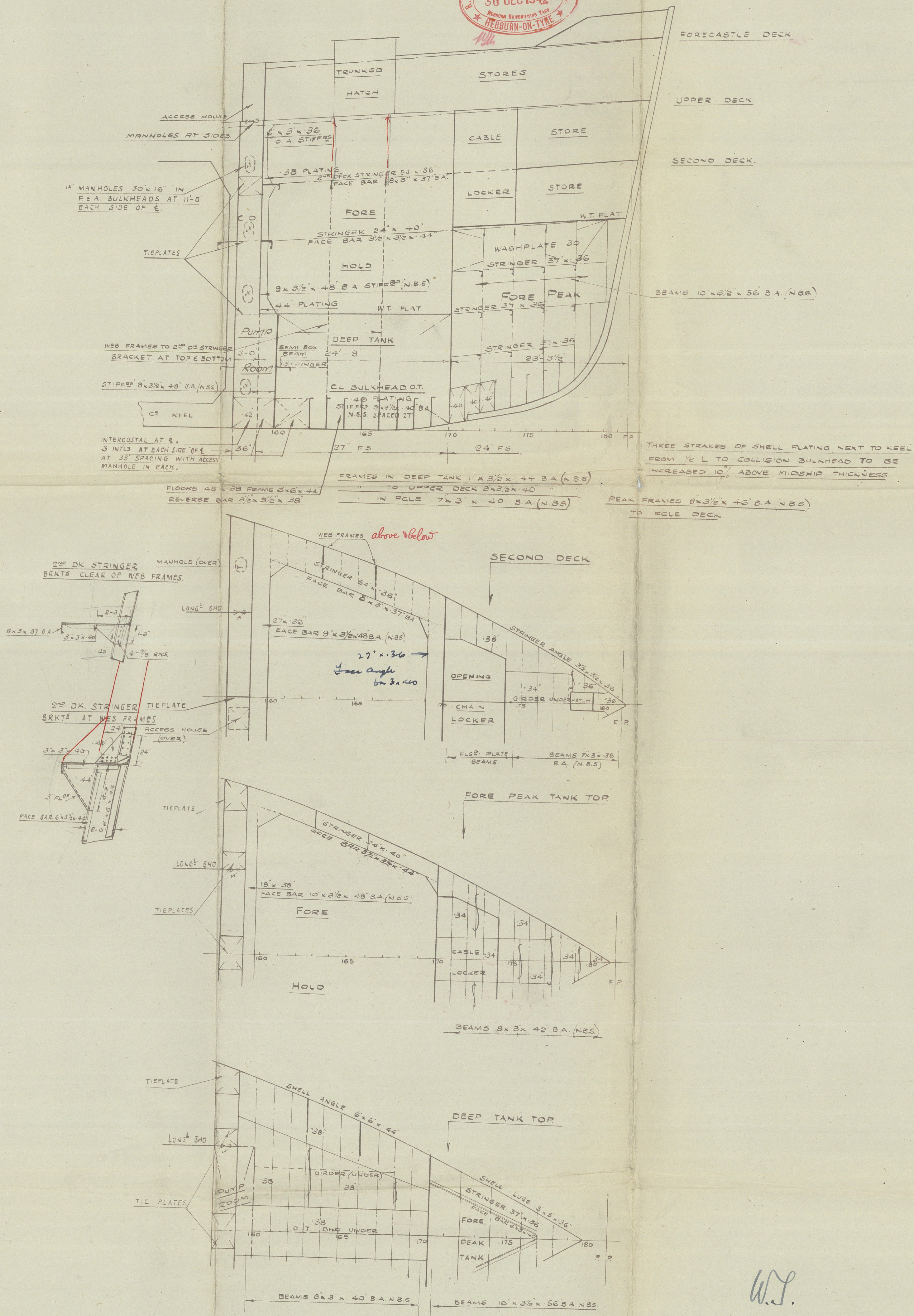
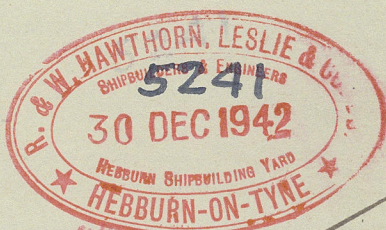
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005038-005046-0131

SHIP N^o. 661.

FLY TO PROFILE & DECKS.

SCALE $\frac{1}{8}'' = 1$ FOOT.



W.S.

4.1.43

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"EMPIRE NEPTUNE"
NEWCASTLE ON TYNE

Report No. 103126 .

midship section

2

~~72~~




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605038-005046-0150

R. & W. HAWTHORN, LESLIE
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ENGINE NO. 4003

ms. "NAVICELLA" 
NEWCASTLE ON TYNE

Report No. 102524.

Midship Section.



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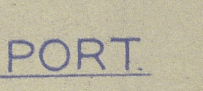
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SCALE: $\frac{1}{2}$ " = 1 FOOT.

61

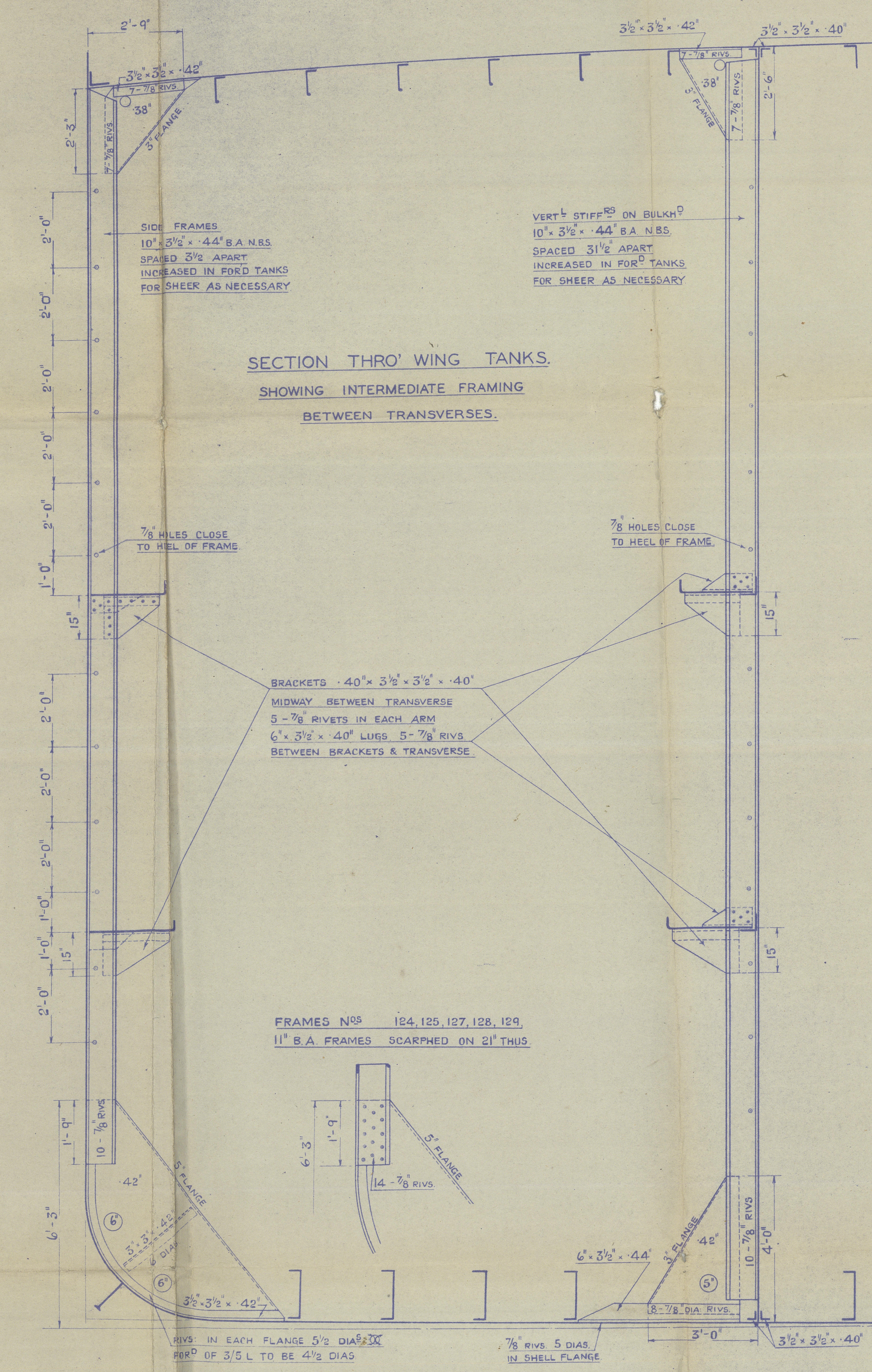
See letter

NUMERALS

9 CENTRE TANKS.
LENGTH 31'-6"
2 TRANSVERSES 10'-6" APART

DIMENSIONS.

LENGTH = 460'-0" B.P. BREADTH = 59'-0" MLD. DEPTH 34'-0" MLD
To CLASS LLOYDE 100 A11 "CARRYING PETROLEUM IN BULK"
SPECIAL NOTATION "LONGITUDINAL FRAMING ON BOTTOM & AT DECK"
SCANTLING CLEAR OF OIL COMPARTMENTS TO BE SPECIALLY CONSIDERED
SUITABLE INCREASES TO BE MADE FOR SHEER AT ENDS



SECTION THRO' WING TANKS.
SHOWING INTERMEDIATE FRAMING
BETWEEN TRANSVERSES.

FRAMES N^{OS} 124, 125, 127, 128, 129,
11^B B.A. FRAMES SCARPHED ON 21^B THUS

TRANSVERSE	SHELL BARS	MARKED	"A"	RIVETS	SPACED	4 1/2 DIAS
1	2	3	4	"B"	5	6
7	8	9	10	"C"	11	12
13	14	15	16	"D"	17	18

FOR 9 OF 35 LENGTH SHELL BARS TO HEIGHT OF FLOOR TOP
TO BE 4 1/2 DIAS

W.J.
16.4.43.

DIMENSIONS.

" B.P. BREADTH = 59'-0" MLD. DEPTH 34'-0" MLD.

100 A.I.* "CARRYING PETROLEUM IN BULK".

"LONGITUDINAL FRAMING ON BOTTOM & AT DECK".

OF OIL COMPARTMENTS TO BE SPECIALLY CONSIDERED

ES TO BE MADE FOR SHEER AT ENDS

81" x 58" - 36

2'-9"

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"EMPIRE NEPTUNE"
NEWCASTLE ON TYNE

Report No. 103126

DS/R
San Virgilio X

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Midship Section



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No 666.

MIDSHIP SECTION.

SCALE 1/2" = 1 FOOT.



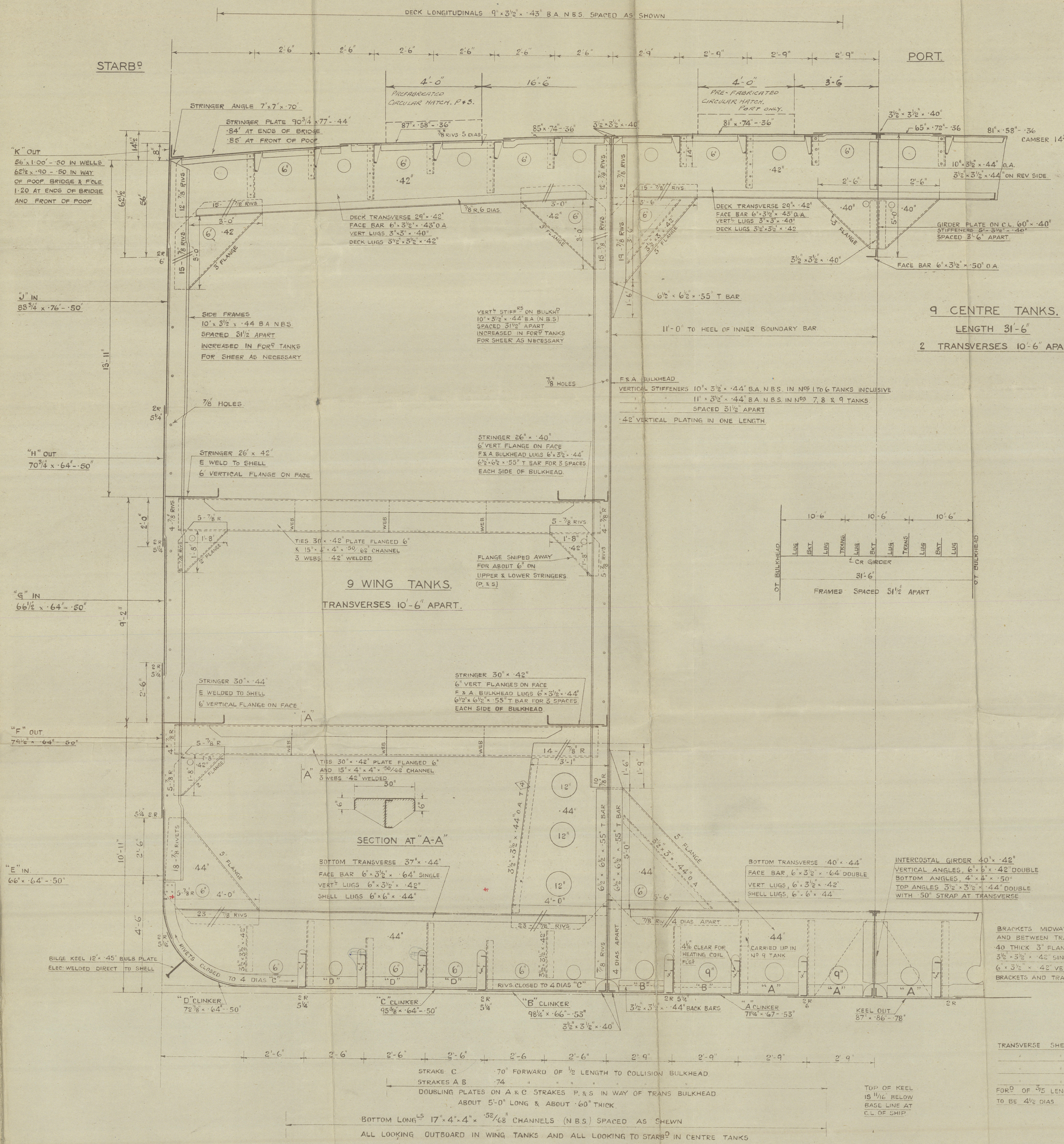
EQUIPMENT NO.	DESCRIPTION	QUANTITY
2ND NUMERICAL	L x (B+D)	42780
POOP	3 1/2 x 7 1/2 x 44 1/2	581
BRIDGE	3 1/2 x 7 1/2 x 55	298
FORECASTLE	3 1/2 x 7 1/2 x 48	270
POOP OR HOUSE	1/2 x 8 1/2 x 27	118
"	1/2 x 10 1/2 x 36	190
"	1/2 x 7 1/2 x 15	49
"	1/2 x 8 x 48	192
"	1/2 x 7 1/2 x 41	163
"	1/2 x 7 1/2 x 43	161
		44787

EQUIPMENT (WAR EMERGENCY)

2 BOWER ANCHORS	7 1/2 CHTS EACH (STOCKLESS) <i>AN 1114</i>
STREAM ANCHOR	22 (EX STOCK)
240 PATHOMS	2 1/2 STUD LINK CHAIN CABLE
120 "	5 (6x12) FLEXIBLE STEEL WIRE ROPE (STREAM WIRE)
180 "	5 1/2 (6x24) " " (TOWLINE)
2 AT 100 FATHOMS	2 1/2 (6x12) FLEXIBLE STEEL WIRE ROPE (HAWSEERS)
2 "	2 1/2 (6x12) " " (WARRPS)

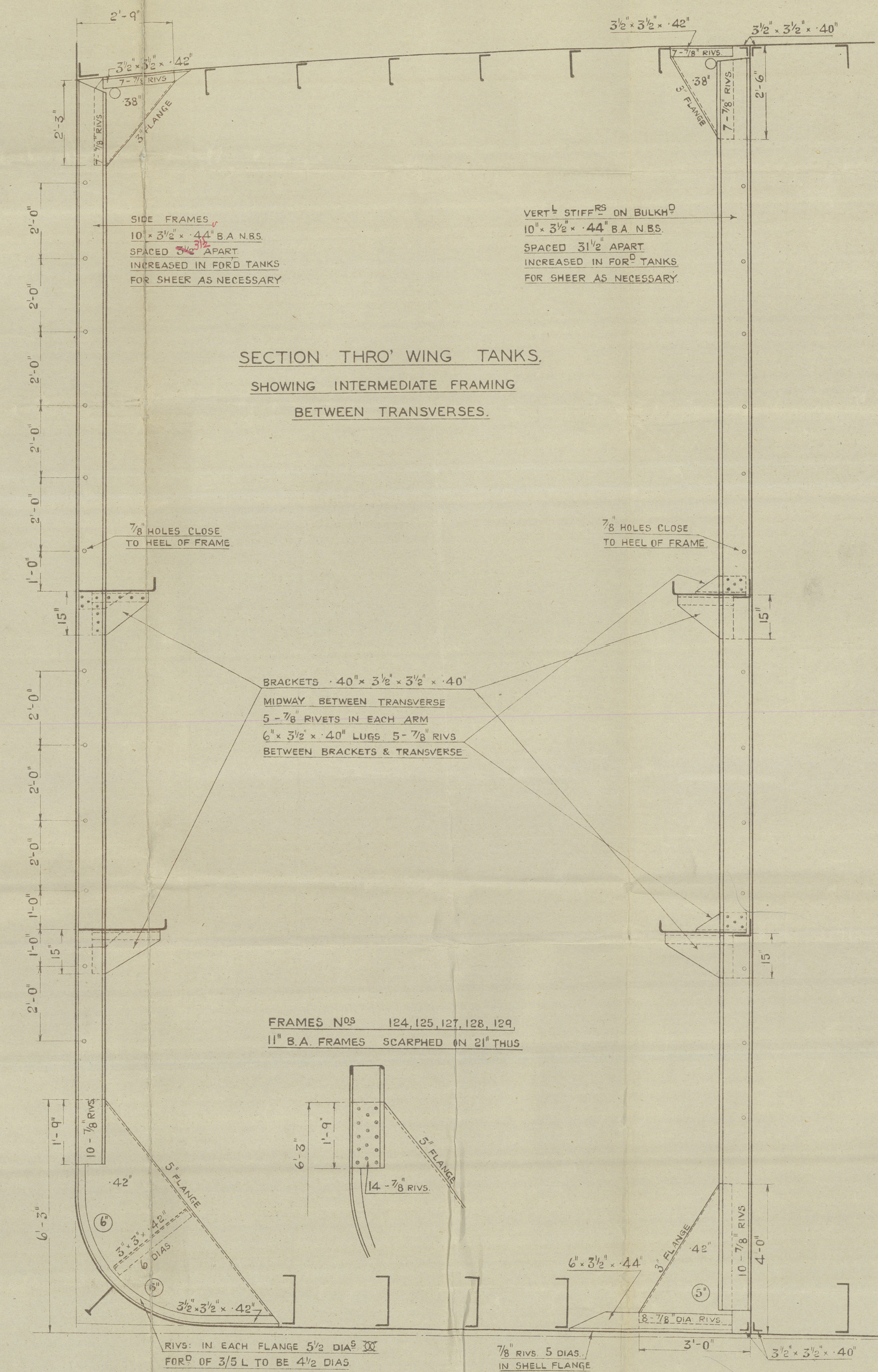
NUMERALS

LENGTH B.P. ON LWL	L = 460'-0"
BREADTH MLD	B = 59'-0"
DEPTH MLD TO UPPER DECK	D = 34'-0"
L x D	460'-0" x 34'-0" = 15640'-0"
L x (B+D)	460 (59'-0" + 34'-0") = 42780'-0"
L D	460 x 34'-0" = 1552



DIMENSIONS.

LENGTH = 460'-0" B.P. BREADTH = 59'-0" MLD. DEPTH 34'-0" MLD.
TO CLASS LLOYD'S 100 A.I. * "CARRYING PETROLEUM IN BULK"
SPECIAL NOTATION "LONGITUDINAL FRAMING ON BOTTOM & AT DECK"
SCANTLINGS CLEAR OF OIL COMPARTMENTS TO BE SPECIALLY CONSIDERED
SUITABLE INCREASES TO BE MADE FOR SHEER AT ENDS



TRANSVERSE SHELL BARS MARKED "A" RIVETS SPACED 4 1/2" DIA	
"B"	5
"C"	4
"D"	4 1/2

FOR 9' OF 3/5 LENGTH SHELL BARS TO HEIGHT OF FLOOR TOP TO BE 4 1/2" DIA

005038-005046-0149

R. & W. HAWTHORN, LESLIE
& CO. LTD.

M.V. NATICINA
NEWCASTLE ON TYNE.

Report No. 101017

26

Stern frame

652

ENGINE NO. 4000

SHIP NO. 661

"SAN VELINO"

NEWCASTLE ON TYNE.

Report No. 102182

Stern frame.

SHIP NO. 663

ENGINE NO. 4003

8

~~424~~

"NAVICELLA"

NEWCASTLE ON TYNE

Report No. 102524

SHIP NO. 666

~~EMPIRE~~ NEPTUNE

NEWCASTLE ON TYNE

Report No. 103126

SAN VIRBILIO

W.S.R.I.

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12000 TON TANKERS

STERN FRAME.

N^o 652

PARTICULARS

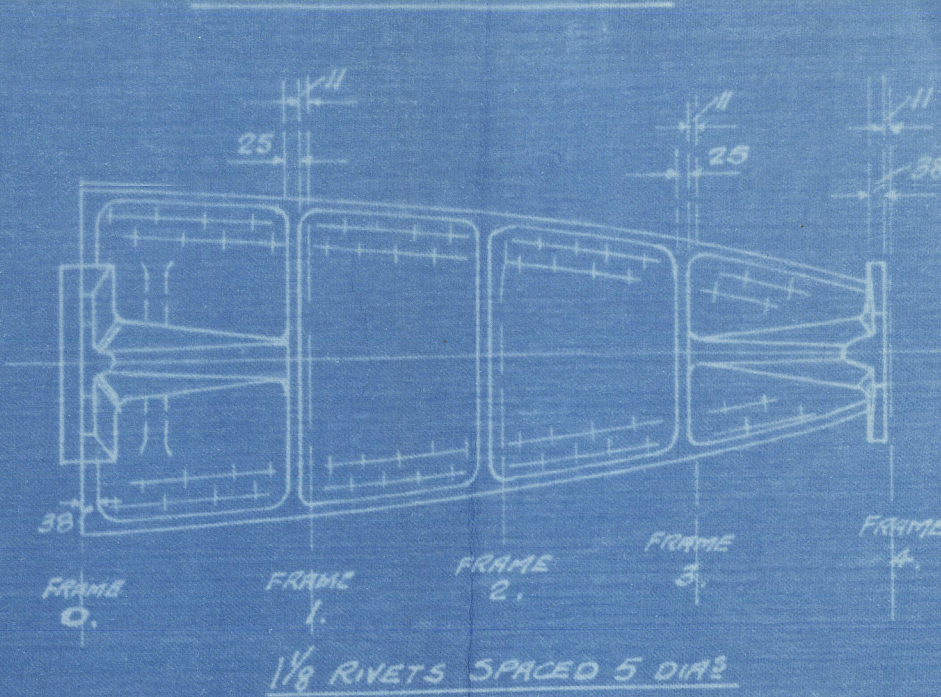
LENGTH	460' 0"	140.21 M
BREADTH	59' 0"	17.98
DEPTH	34' 0"	10.36
WATERLINE	27' 3 1/4"	
SPEED	12 KNOTS	
RUDDER AREA	180 sq	
L.T.D.	15640	
A x D	387	
RUDDER ANGLE MAXIMUM	35°	



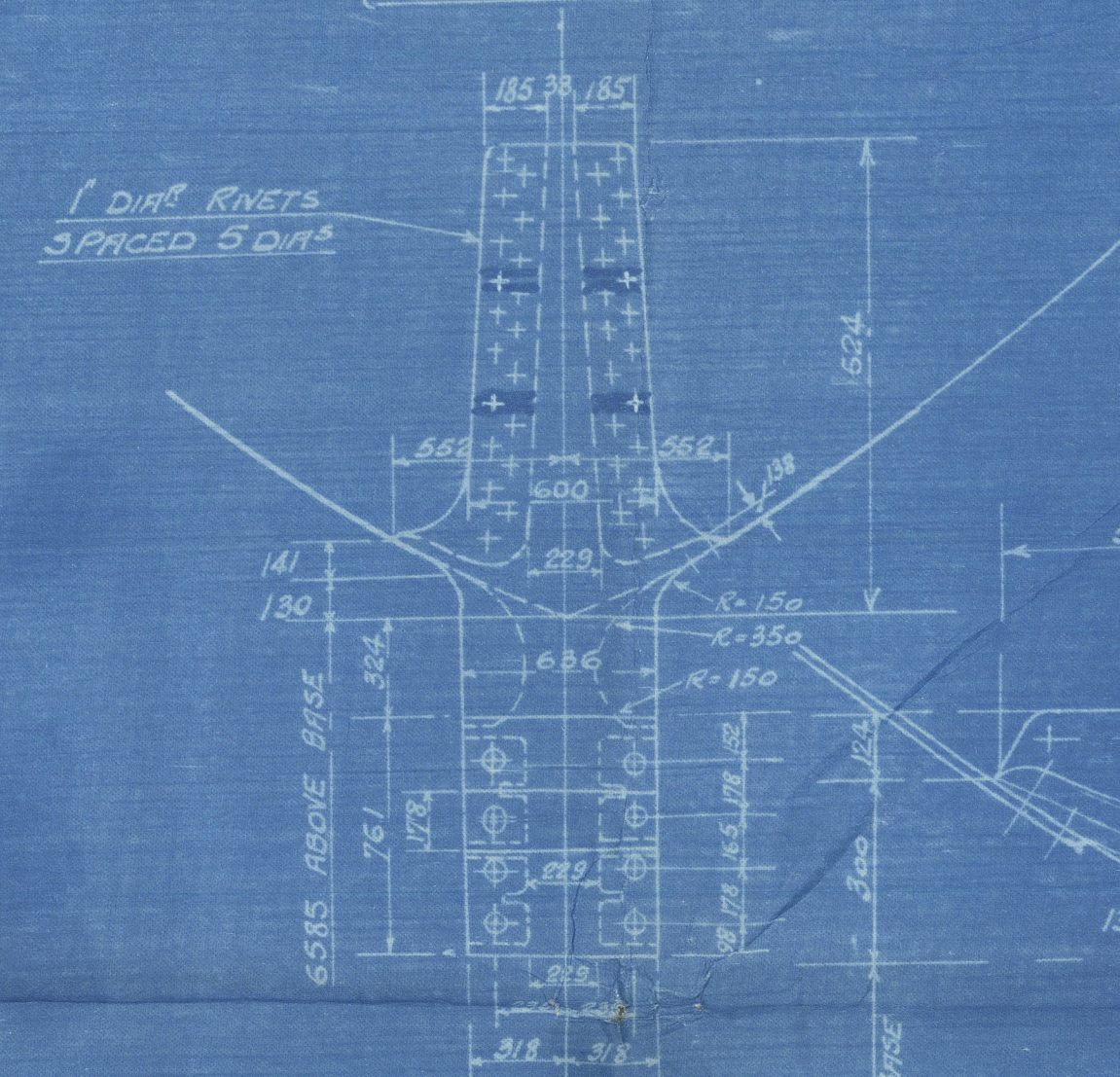
NOTES
 TO PASS LLOYD'S TESTS AND REQUIREMENTS
 RUDDER POST SQUARE TO BASE LINE
 BOTH PORTIONS OF STERN FRAME & RUDDER BACK POST
 TO BE ASSEMBLED AND FITTED TOGETHER AT MAKERS WORKS
 DECK BEING DESPATCHED
 DRILLED FOR RIVETS WHERE INDICATED TO SPACINGS SHOWN ON PLAN
 PROPELLER ROSS CAST TO ROUGH BORE
 THROUGH RIVET HOLES TO BE BORED PLUMB THROUGH POST
 DIMENSIONS ON THIS PLAN MUST BE CAREFULLY WORKED TO
 AS ANY EXCESS OVER ESTIMATED WEIGHT WILL NOT BE PAID FOR

10 APR 1941

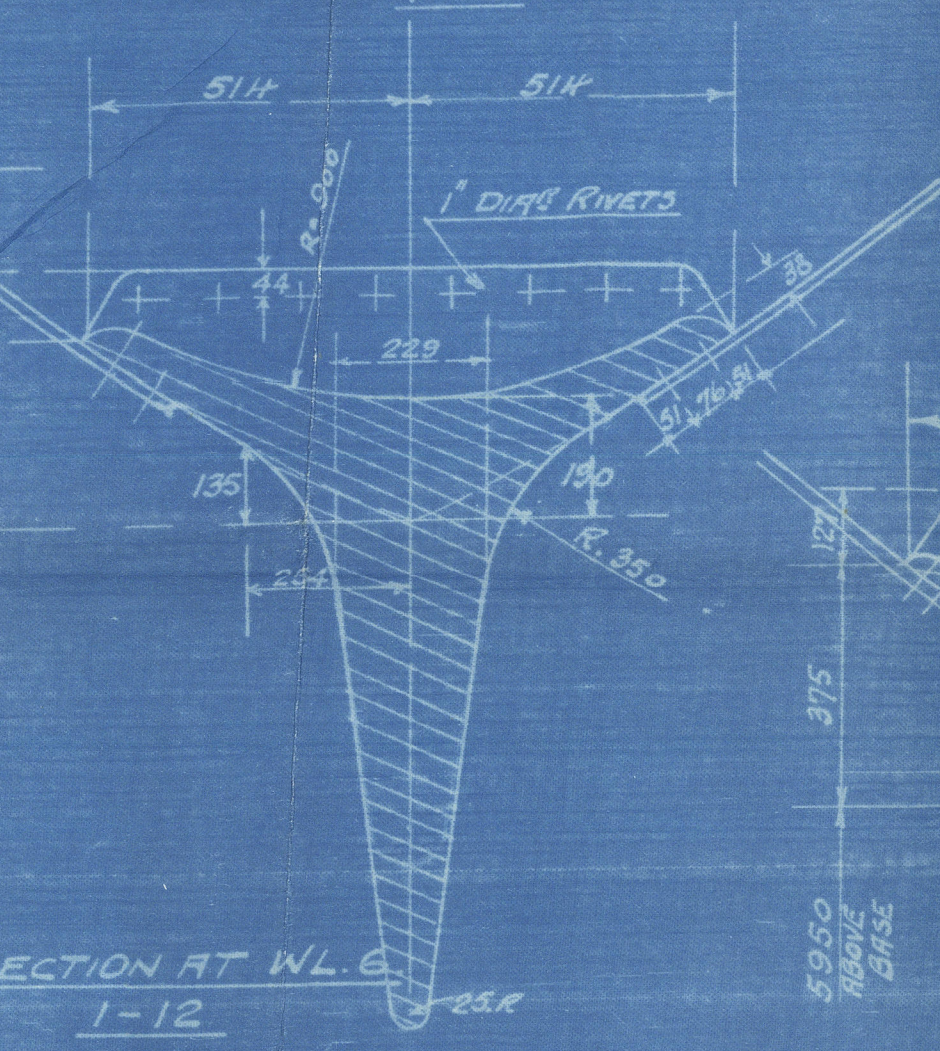
STERN FRAME TOP



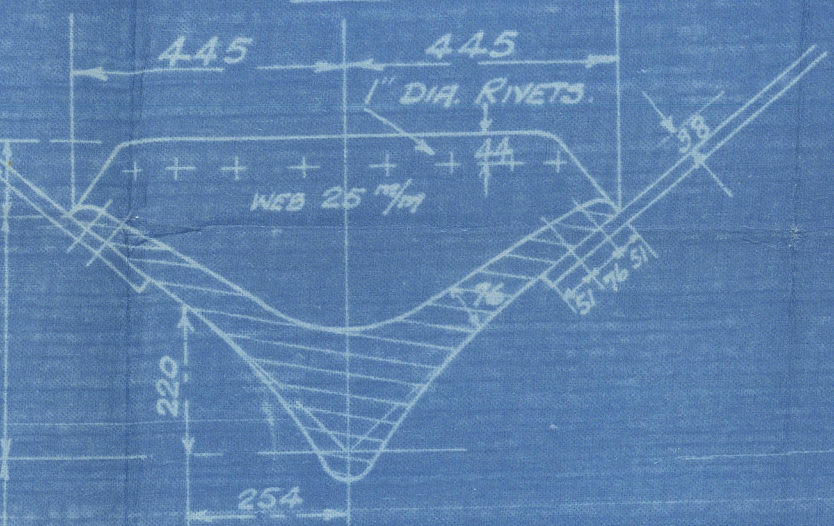
FRAME N^o 0 (LOOKING FORWARD)



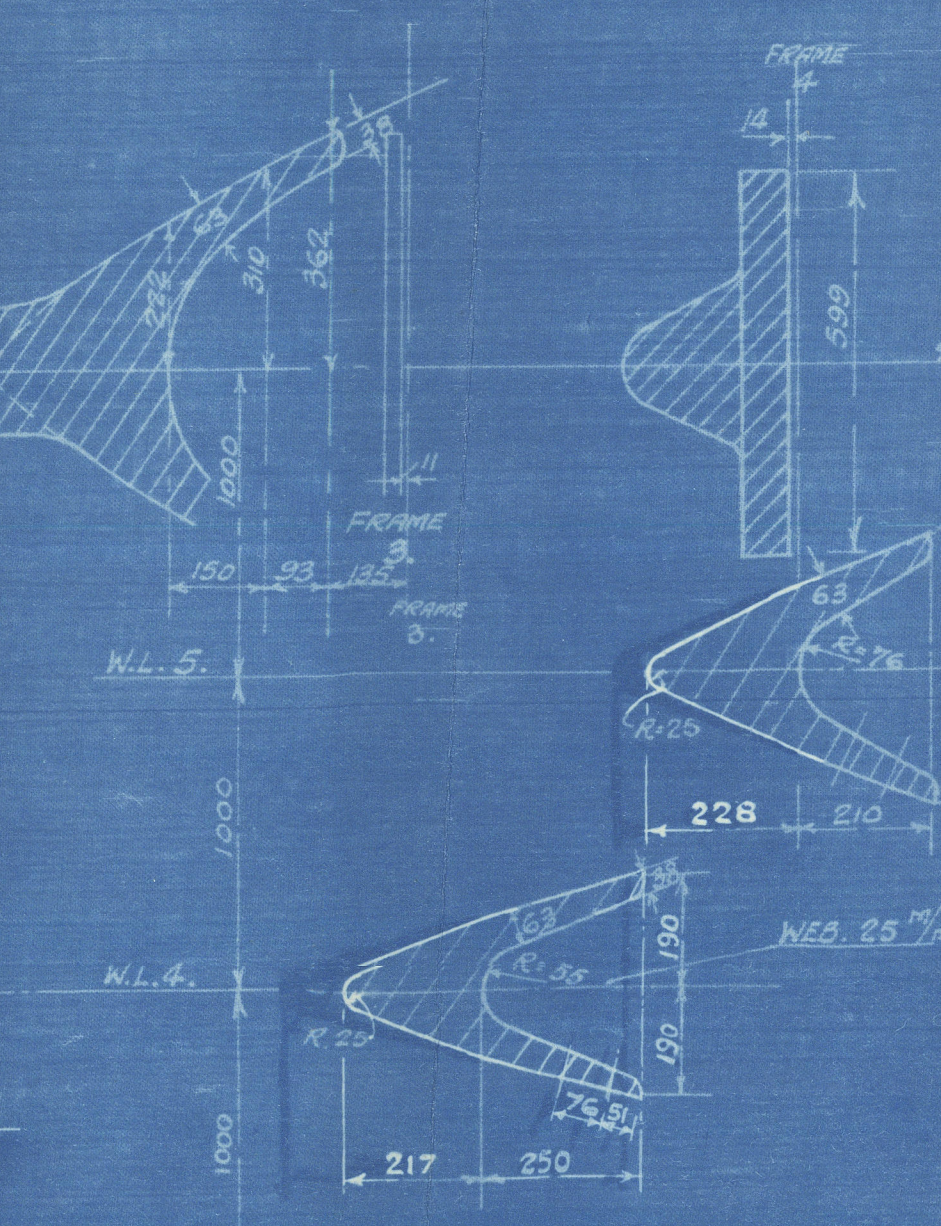
SECTION, FRAME 1 1-12



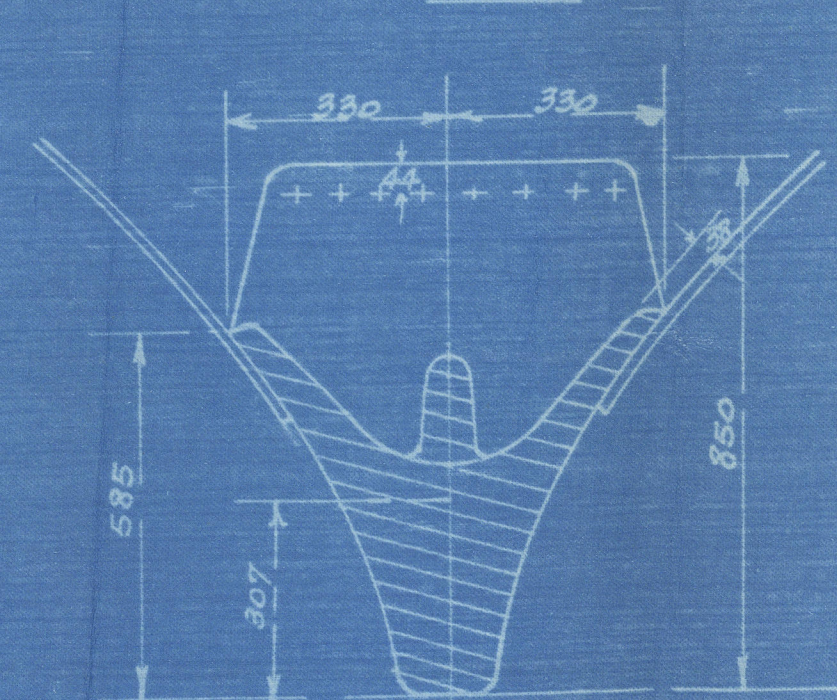
SECTION, FRAME 2 1-12



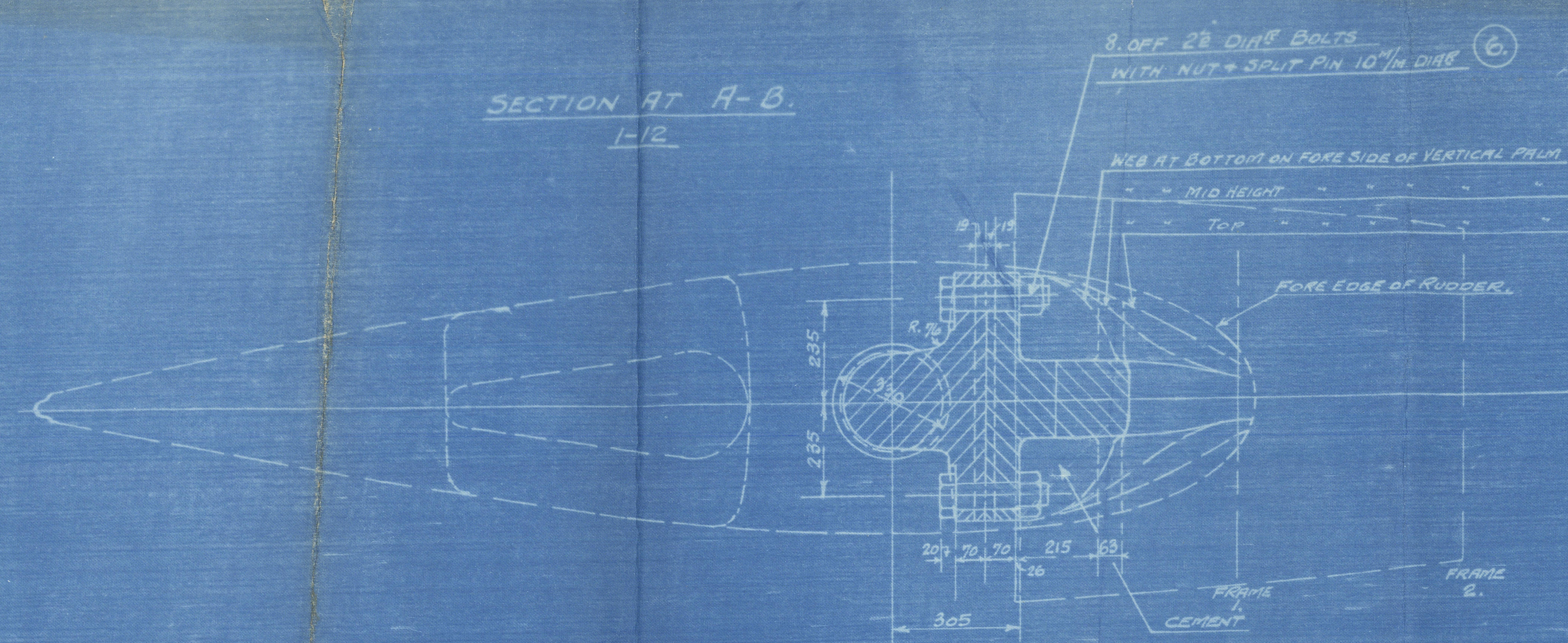
SECTION AT W.L. 6 1-12



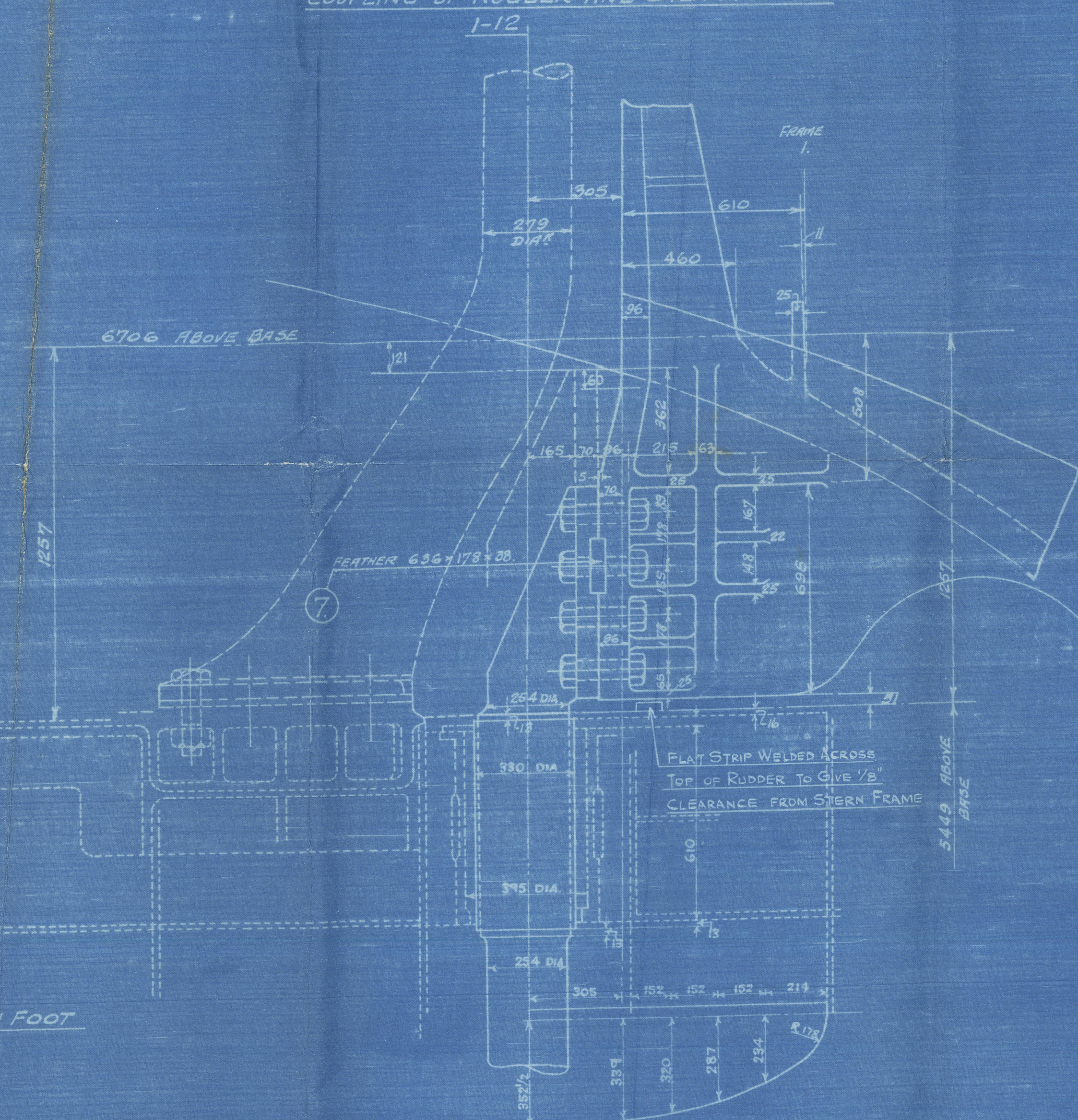
SECTION FRAME 3 1-12



SECTION AT A-B 1-12

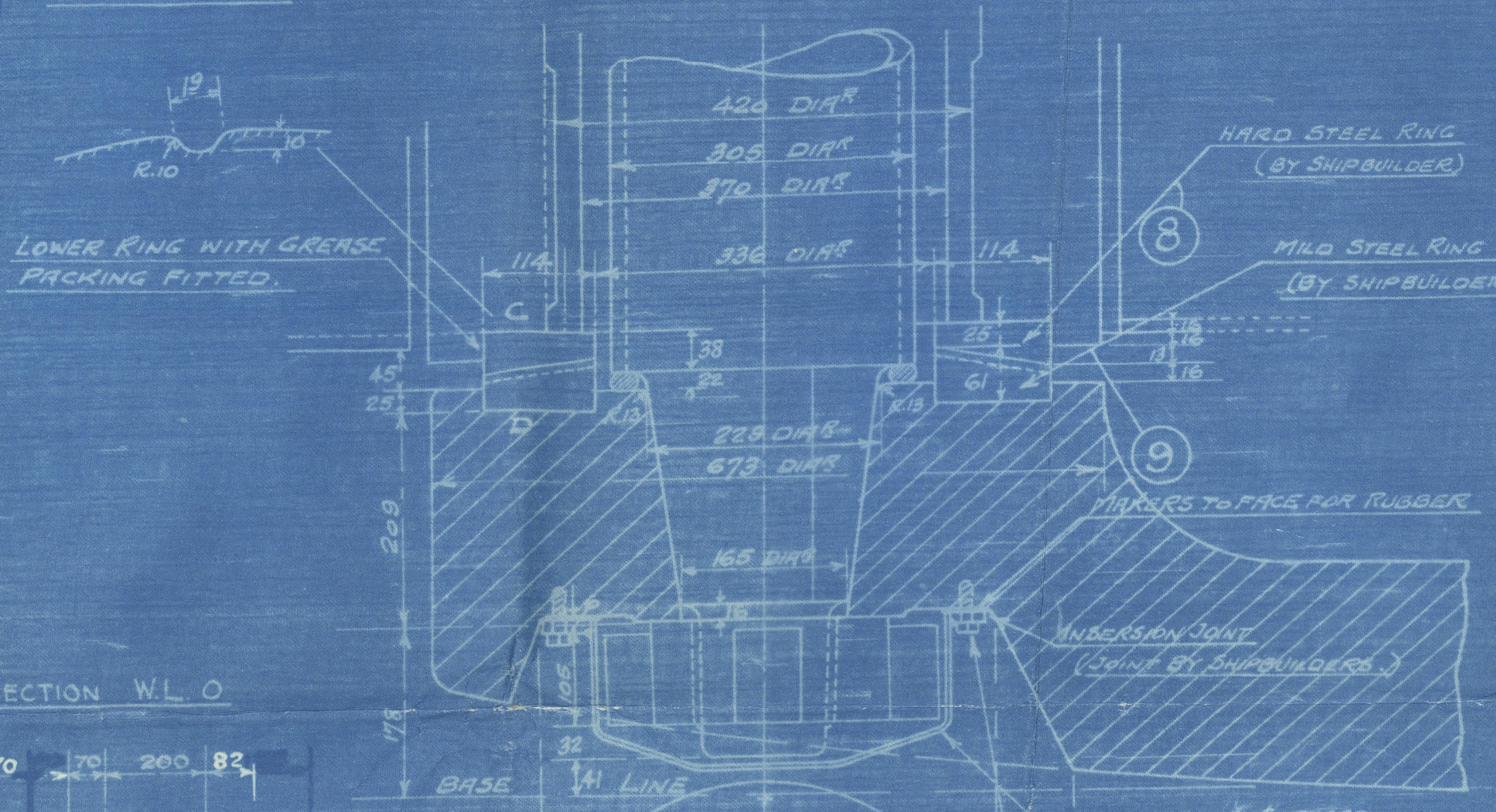


COUPLING OF RUDDER AND STERN FRAME 1-12

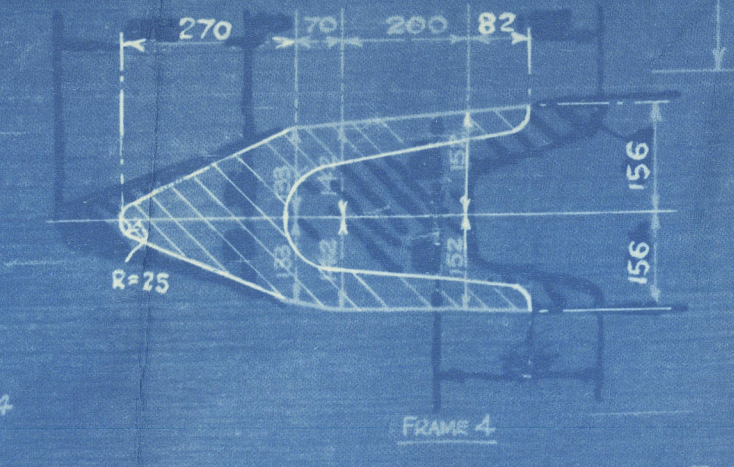


DETAIL OF RUDDER POST + STERN FOOT 1-6

SECTION C-D



SECTION W.L. 0



FRAME 4



SER. NO.	NO. OFF.	ITEM	MATERIAL	REMARKS
1	1	STERN FRAME (UPPER)	CAST STEEL	
2	1	" (LOWER)	"	
3	1	RUDDER BACK POST	FORGED STEEL	
4	2	POST LINERS	BRONZE	
5	1	NUT	FORGED STEEL	
6	8	COUPLING BOLTS	"	WITH NUT & SPLIT PIN
7	1	FEATHER RING (UPPER)	HARD STEEL	BY SHIPBUILDER
8	1	" (LOWER)	SOFT	

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SHIP NO. 663

MR. "NAVICELLA"
NEWCASTLE ON TYNE

Report No. 102524

Rudder

FOR AURIS - NEAERA

SHIP NO. 666

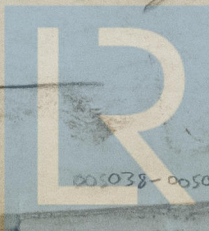
"Empire heptune" *
NEWCASTLE ON TYNE

Report No. 103126

San Virgelio

W.S/R 1

Rudder



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SHIP NO. 61F-612-617-622

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RUDDER

M.V. "Daphnella"

NEWCASTLE ON TYNE.

Report No. 96399.

M.V. "Doryssa"

NEWCASTLE ON TYNE.

Report No. 96661.

M.V. "Doronia"

NEWCASTLE ON TYNE.

Report No. 97224.

SAN VENANCIO.

NEWCASTLE ON TYNE.

Report No. 100147.

M.V. "Dolabella"
NEWCASTLE ON TYNE.

Report No. 98007.

M.V. "Empire Bronze"
NEWCASTLE ON TYNE.

Report No. 98948.

M.V. NICANIA.
NEWCASTLE ON TYNE.

Report No. 100491.

M.V. NUCULANA.

NEWCASTLE ON TYNE.

Report No. 100736.

ENGINE NO. 4000

SHIP NO. 5661

"SAN VELINO"
NEWCASTLE ON TYNE.

Report No. 102182.

Rudder.

254 $\overline{) 3050}$
254
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